

Product datasheet for MR219541

Adamts3 (NM_001081401) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts3 (NM_001081401) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adamts3
Synonyms:	1100001H14Rik; 6330442E02Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR219541 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGTTCTGTCACTTTGGTTGATAGCAGCCTCTCTGGTAGAGTTAGGACATCAGCTGATGGACAAG
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AGTTAGCACGAAATCTAAAAGGACATTATCTTTCCCATATTCTTTCTGCAAATCACAAAAGAGGTCACCC
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GACTGAAGCCAAACACTCACTTCATAGCTCCTGGGGCTGTGGTGGAAATGGCATGAGACAGCTCCAAGGCC
TGGGAATACCACTGACCCAGAAACAGCCATCTACACGGAAGTGCTTCAGAAGGAAGCTGGAGATCAGAG
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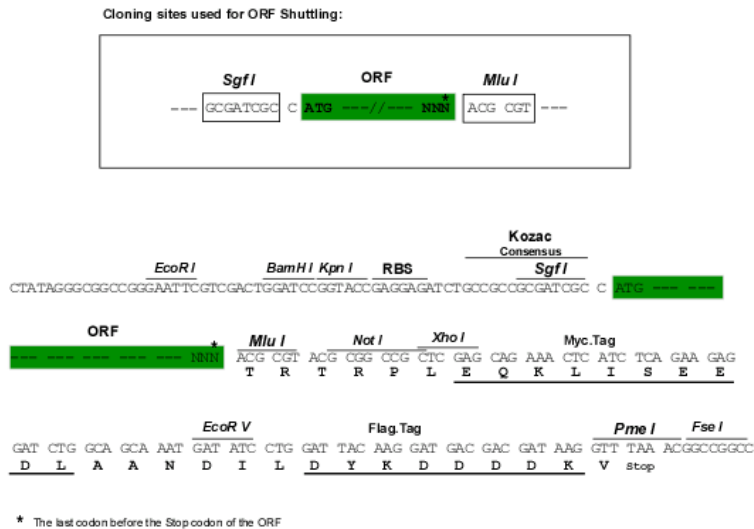
Protein Sequence: >MR219541 protein sequence
 Red=Cloning site Green=Tags(s)

MVFLSLWLIAASLVEVRTSADGQAGTDEMVDLPTKRYREYELVTPVSTNLKGHYLSHILSANHKKRSP
 RDVSSNSEHLFFNVTAAGRDFHLRLKPNTHFIAPGAVVEWHETAPRPGNTDPRNSHLHGSASEGSWRSE
 PLQTSAYVGDIMDIPGTSVAISNCDGLAGMIKSDDEEYFIEPLERKQMDENGRHVYVYKRSVAEQPP
 RDVSEDVYHRESDLGLDDLGTVYSNIGQQLNKTMRRRRHTGENDYNIIEVLLGVDDSVVRFHGKEHVQNY
 LLTLMNIVNEIYHDESLGVHINVVLRMIMLGYAKSISLIERGNPSRSLENVCRWACQQQKTDPNHAEHH
 DHAIFLTRQDFGPAGMQGYAPVTGMCHPVRSCTLNHEDGFSSAFVVAHETGHVLMGEHDGQGNRCGDETA
 MGSVMAPLVQAAFHRYHWSRCSGQELKRYIHSYDCLLDDPFHDWPKLPELPGINYSMDQCRDFGVDY
 KMCTAFRTFDPCQQLWCSHPDNPYFCKTKKGPPLDGTECAAGKWCYKGHCMWKNANQQKQDGNWGSWTKF
 GSCSRTCGTGVRFRTRQCNNPTPINGGQDCPGVNFYQLCNTEECQKHFEDFRAQQCQRNSHFYQNTK
 HHWLPHEHPSKRRCHLYCQSKETGDVAYMKQLVHDGTRCSYKDPYSICVRGECVKVGC DREIGSNKVED
 KCGVCGGDNSHCRTVKGTFRTRPRKLGYLKMF DIPP GARHVL IQE DEASPHVLA IKNQATGHYILNGKGE
 EAKSRTFIDLGV EWDYNI EDDIETLHTDGPLHDPVIVL IIPQENDTRSSLTYKYI IHEDSVPTINSNNVI
 QEELDTFEWALKSWSQCSEPCGGGFQYTKYGCRRKSDSKMVHRSFCEV NKKPKPIRRMCNIQECTHPVWA
 ADEWEHC SRSCGSSGNQLRTVRCLQPLQDGTNRSVH SKYCLGDRPE SRRPCNRVPCPAQWK TGSWNECSV
 TCGEGTEVRQVLCRTGDHCDGKPE SVRPCQLPPCNDEPCLGDKSIFCQMEVLARYCSIPGYNLCCESC
 SKRSGTLPPPYLQEA AEIHSDAIFGPSDLPRSLVMPTPFLPSSSGTRA EKKSLSSFSSMANPNADA AFRA
 SSRASADFPKRAHQAGRK TLESVPSSSSIKTDHLRPASPVA AAPSPAISDSIGASPQTRTPKKDDAKSV
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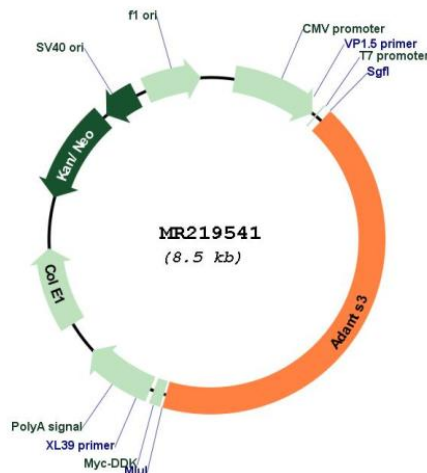
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001081401

ORF Size: 3609 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001081401.2](#), [NP_001074870.1](#)

RefSeq Size: 7579 bp

RefSeq ORF: 3612 bp

Locus ID: 330119

Cytogenetics: 5 E1

MW: 135.2 kDa